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Amendments And Listing of Claims:

This listing of claims will replace all prior versions and listings of claims in this application.

- 1. (currently amended) A method to impart anti-microbial activity to the surface of a polyethylene object which consists essentially of:
 - a. applying to the surface <u>a liquid carrier containing</u>

 from 15 to 65 weight percent of an anti-microbial composition

 to form a composition coating on said surface having a

 thickness from 0.1 to 5 mils, said anti-microbial composition

 comprising:
 - I. from 0.5 to 5 weight percent of an antimicrobial metal selected from the group consisting of elemental and ionic silver, zinc, copper and cadmium deposited on a solid carrier, and
 - ii. from 95 to 99.5 weight percent of a polyethylene fusible solid selected from the group consisting of a hydrocarbon resin having a viscosity at 177 degrees C. in excess of 50 centipoises, polyethylene having a melt index less than 30 grams/min, and mixtures thereof; and
 - b. heating the surface to a temperature at least 250 degreesF. for sufficient time to fuse the coating into the wall of said object.
- 2. (original) The method of claim 1 wherein said anti-microbial metal is silver.
 - 3. (original) The method of claim 1 wherein said carrier solid is an ion-

exchange solid and said anti-microbial metal is ion-exchanged onto said carrier solid.

- 4. (original) The method of claim 3 wherein said ion-exchange solid is zeolite.
- 5. (original) The method of claim 3 wherein said anti-microbial metal includes zinc.
- 6. (previously presented) The method of claim 1 wherein said polyethylene fusible solid is polyethylene.
- 7. (previously presented) The method of claim 1 wherein said polyethylene fusible solid includes a hydrocarbon resin.
- 8. (previously presented) In a rotational molding method for fabrication of a hollow form plastic product in a rotational molding cycle wherein polyethylene particles are charged to a rotational mold, the mold is closed, heated to a molding temperature while being rotated about its major and minor axes for a time sufficient to form said molded product and the mold is cooled to a demolding temperature, opened and the molded product is ejected, the improved method for imparting anti-microbial activity to the exterior surface of said molded product which consists essentially of:

applying to a selected area of the interior surface of said rotational mold at substantially the demolding temperature a coating having a thickness from 0.1 to 5 mils and comprising

I. from 0.5 to 5 weight percent of an anti-

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microbial metal selected from the group consisting of elemental and ionic silver, zinc, copper and cadmium deposited on a solid carrier, and

- ii. from 95 to 99.5 weight percent of a polyethylene fusible solid selected from the group consisting of a hydrocarbon resin having a viscosity at 177 degrees F. in excess of 50 centipoises, polyethylene having a melt index less than 30 grams/min., and mixtures thereof; and
- continuing said rotational molding cycle to obtain a molded,
 hollow form plastic product having said anti-microbial
 composition fused into the wall of said product.
- 9. (original) The method of claim 8 wherein said anti-microbial metal is silver.
- 10.(original) The method of claim 8 wherein said carrier solid is an ion-exchange solid and said anti-microbial metal is ion-exchanged onto said carrier solid.
- 11.(original) The method of claim 10 wherein said ion-exchange solid is zeolite.
- 12.(original) The method of claim 10 wherein said anti-microbial metal includes zinc.
- 13.(previously presented) The method of claim 8 wherein said polyethylene fusible solid is polyethylene.

- 14.(previously presented) The method of claim 8 wherein said polyethylene fusible solid includes a hydrocarbon resin.
- 15. (previously presented) The method of claim 6 wherein said polyethylene has a melt index less than 20 grams/min.
- 16. (previously presented) The method of claim 13 herein said polyethylene has a melt index less than 20 grams/min.
- 17. (previously presented) The method of claim 1 wherein said hydrocarbon resin is selected as said polyolefin fusible solid.
- 18. (previously presented) The method of claim 8 wherein said hydrocarbon resin is selected as said polyolefin fusible solid.
- 19. (new) The method of claim 1 wherein said liquid carrier is a hydrocarbon solvent.
- 20. (new) The method of claim 1 wherein said liquid carrier is a water containing from 0.1 to 2 weight percent of a surfactant sufficient to form a stable dispersion of said anti-microbial composition.
- 21. (new) The method of claim 19 wherein said liquid carrier contains from 25 to 35 weight percent of said anti-microbial composition.
- 22. (new) The method of claim 20 wherein said liquid carrier contains from 25 to 35 weight percent of said anti-microbial composition